The Sandvik QJ241 is the smallest compact tracked jaw crusher in the world leading series of Sandvik tracked crushers. This highly productive yet self-propelled machine brings the revolutionary features of the Sandvik QJ341 to the smaller quarry or demolition site, where operating space is limited, yet high performance demanded.

Compact and mobile, the QJ241 is fitted with a hydraulic raise and lower facility on the main conveyor making it the ideal solution for recycling applications, yet it is equally productive for hard rock applications.

**KEY BENEFITS**

- Danfoss hydraulic control system for greater efficiency with all controls located at ground level for ease of access and maintenance.
- Full PLC control system and Danfoss colour screen allowing visual data output of all plant operating parameters.
- Hydraulic raise and lower facility on the main conveyor to give increased clearance for rebar discharge in recycling applications. Also extended for greater discharge height.
- Tunnel arrangement to reduce catchment points in recycled materials
- Improved load control system for feeder drive to ensure continuous, uninterrupted crushing.
- Steel pipe work used extensively to give superior heat dissipation and to provide a maintenance free sealing solution.
- Speed wheel fitted to main conveyor to stop the feeder, negating the need to dig out a heavily loaded conveyor.
- Capable of operating in the most hostile environments with a 50°C ambient temperature capability without any oil changes.
KEY SPECIFICATIONS

**QJ241**

### Hopper
- **Type**: Hyd Folding - side and rear
- **Width**: 1840 mm / 6'
- **Length**: 3770 mm / 12' 4 ½"
- **Level capacity**: 2.8 m³ / 3.7 yds³
- **Heaped capacity**: 4.95 m³ / 6.5 yds³
- **Rear loading height**: 3568 mm / 11' 8 ½"

### Feeder
- **Type**: Hyd - variable speed grizzly
- **Width**: 800 mm / 31 ½"
- **Total length**: 3580 mm / 11' 9"
- **Grizzly length**: 1260 mm / 49 ½"
- **Standard aperture**: 35 - 70 mm / 1 ¼" - 2 ¾"

### Crusher
- **Type**: Single Toggle - C10
- **Feed opening**: 1000 mm x 650 mm / 40" x 26"
- **Speed**: 320 rpm
- **Adjustment type**: Hyd wedge
- **Drive**: Hyd via V Belts
- **CSS range**: 50 - 150 mm / 2" - 6"
- **Motor type**: Danfoss
- **Motor cc**: 250 cc / 15.25 cu inch

### Main Conveyor
- **Belt width**: 800 mm / 31 ½"
- **Belt length (endless)**: 21,000 mm / 68' 11"
- **Discharge height**: 3444 mm / 11' 3¾"
- **Head drum diameter**: 282 mm / 11"
- **Tail drum diameter**: 270 mm / 10 ½"
- **Drive**: Hyd Motor
- **Motor cc**: 624 cc / 38.1 cu inch

### Tracks
- **Length (centres)**: 3310 mm / 10' 10 ½"
- **Width (shoe)**: 400 mm / 15 ½"
- **Drive**: Prop Hyd / Gearbox
- **Control**: Radio / Umbilical

### Transport Dimensions
- **Length**: 13.90 m / 45' 7 ½"
- **Width**: 2.64 m / 8' 7 ¾"
- **Height**: 3.22 m / 10' 6 ¾"
- **Cubic volume**: 118.1 m³ / 4170.7 ft³

### Performance
- **Maximum feed size**: 520 mm³ / 21 inch³
- **Capacity (up to)**: 225 tph / 248 stph
- **Travel speed**: 0 - 1.10 km/h / 0 - 0.68 mph
- **Max incline / Side to side**: 20° / 10°

**Note. All weights and dimensions are for standard units only**

### OPTIONS

- Wear resistant hopper liner plates back and sides
- Wear resistant feeder pan liner
- Belt protection plate under jaw crusher discharge
- Central auto lube (all bearings)
- Main Conveyor canvas covers
- Remote diesel pump (electric)
- Water pump (hydraulic)
- Arctic package -20°C (-4°F) (32 Grade oil and engine oil)
- Arctic package -30°C (-22°F) (arctic hydraulic oil, engine oil, webasto coolant heater and grease)
- Overband magnet
- Natural fines conveyor

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**KEY SPECIFICATIONS**  
**QJ241**

### Power pack
- **Engine**: Stage 3A / Tier 3 CAT C7.1 Acert
- **Engine power**: 168 kW / 225 hp
- **Diesel tank capacity**: 660 litres / 174 USG
- **Hyd tank capacity**: 660 litres / 174 USG
- **Magnet (option)**
  - **Model**: Eriez CP20 / 80 - SC2
  - **Weight**: 800 kg / 1764 lbs
  - **Belt width**: 750 mm / 29 ¼"
  - **Height from belt**: Variable
  - **Type**: Self cleaning

- **Natural Fines Conveyor (option)**
  - **Belt width**: 650 mm / 25 ½"
  - **Belt length (endless)**: 6370 mm / 20' 11"
  - **Discharge height**: 1757 mm / 5' 9 ¾"
  - **Drive**: Hyd Motor
  - **Motor cc**: 395 cc / 24 cu inch

### Transport Dimensions
- **Length**: 13.74 m / 45' 1"
- **Width**: 3.23 m / 10' 7 ¼"
- **Height**: 3.86 m / 12' 7 ¾"
- **Standard weight**: 32,568 kg / 71,800 lbs

### Performance
- **Maximum feed size**: 520 mm³ / 21 inch³
- **Capacity (up to)**: 225 tph / 248 stph
- **Travel speed**: 0 - 1.10 km/h / 0 - 0.68 mph
- **Max incline / Side to side**: 20° / 10°

**Note. All weights and dimensions are for standard units only**